



Invention Disclosure

Sheet 04 of 40

Inventor: Curtis Jude Martin
Address: 1640 Franklin Avenue - Kent, Ohio 44240-4383 - USA
Title of Invention: E.V.E. emergency vehicle environment

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Technology Center 2600

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BACKGROUND OF THE INVENTION

1. Field of the Invention

This invention creates an Emergency Vehicle Environment ("EVE") for unobstructing the path of emergency vehicles resulting in increased response times and safety. This Emergency Vehicle Environment is intentionally created with small, inexpensive, dedicated-channel, analog-based, FM radio devices. The receiving devices include a stand-alone, miniature, dedicated-channel, analog-based, FM radio receiver placed in (such as on the dashboard) a non-emergency vehicle (hereinafter the "EVE Mini-Receiver"), an integrated, miniature, dedicated-channel, analog-based, FM radio receiver placed in (such as in the dashboard) a non-emergency vehicle (hereinafter the "EVE Icon-Receiver"), and a dedicated-channel, analog-based, FM radio receiver housed in a conventional traffic light fixture or similarly appearing

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Inventor: Curtis J. Martin Date: 08/26/03

Application/Control No.:
10/002,569

The above confidential information is Witnessed and Understood:

Ron Ambrogio Date: 8/26/03

Group Art Unit: 2632

Walter D. ... Date: 8/26/03

Examiner: Daniel Previl

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fixture (hereinafter the "EVE Traffic-Receiver"). These EVE
Receivers actuate an intermittent (blinking or strobe), warning
light when a signal is transmitted from a dedicated-channel,
analog-based, FM radio transmitter placed in the interior (such
as on the dashboard) or on the exterior (such as the light bar)
of an emergency vehicle (hereinafter the "EVE Transmitter"). The
EVE Transmitter is manually activated, or by employing its
condenser microphone, automatically actuated by the use of the
siren in the emergency vehicle. The EVE Transmitter controls its
transmission signal by employing an accelerometer and a
directional antenna.

The current system for clearing the path of emergency vehicles
is the combined use of sirens and flashers. The sirens are not
heard until the emergency vehicle is very close, if at all; The
flashers are not seen by drivers going the same direction until
rear view mirrors are checked, if at all. The present invention

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